

### ABSTRACT OF THE DISCLOSURE

A fuel injection quantity control device for controlling an actual revolution speed  $E_n$  of an engine to a target revolution speed  $E_o$ , comprises difference computation unit for subtracting the actual revolution speed  $E_n$  from the target revolution speed  $E_o$  and finding the difference  $e$  therebetween; proportional term computation unit for multiplying the aforesaid difference  $e$  by the prescribed proportionality constant  $K_p$  and finding a proportional term output value  $Q_p$ ; integral term computation means for finding an integral term output value  $Q_i$  which is obtained by integrating the product of the aforesaid difference  $e$  and the prescribed integration constant  $K_i$ ; differential term computation unit for finding a differential term output value  $Q_d$  which is obtained by multiplying the value obtained by differentiating the aforesaid difference  $e$  by the prescribed differentiation constant  $K_d$ ; and injection quantity computation unit for adding up the proportional term output value  $Q_p$  and the integral term output value  $Q_i$  and determining the injection quantity.